

WHAT IS CLAIMED IS:

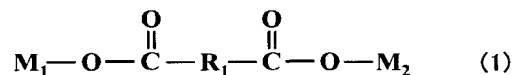
1. A grease composition comprising:

a base oil,

a thickener, and

an additive,

wherein the base oil has a kinetic viscosity of 20 to 150 mm²/s at 40°C, and wherein the additive contains as an essential component 0.05 to 10 parts by weight of a metal salt of a dibasic acid based on 100 parts by weight of the base oil and the thickener, the metal salt of the dibasic acid being represented by the following formula:



where M₁ and M₂ represent the same or different alkali metal, and R₁ represents aliphatic hydrocarbon group or an aromatic hydrocarbon group.

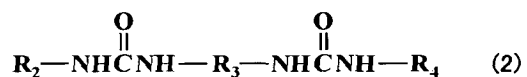
2. A grease composition as claimed in Claim 1, wherein the base oil contains alkyldiphenyl ether oil.

3. A grease composition as claimed in Claim 2, wherein the base oil contains synthesized hydrocarbon oil.

4. A grease composition as claim in Claim 3, wherein 20% by weight or more of the alkyldiphenyl ether oil is contained in the base oil.

5. A grease composition as claimed in Claim 1, wherein the thickener is an urea-based thickener, and is contained in an amount of 5 to 30% by weight based on the total amount of the base oil and the thickener.

6. A grease composition as claimed in Claim 5, wherein the urea thickener is an aromatic diurea compound represented by the following formula (2)



where R_2 and R_4 are the same or different, and represent each an aromatic hydrocarbon group having 6 to 15 carbon atoms, and R_3 represents an aromatic hydrocarbon group having 6 to 15 carbon atoms.

7. A grease composition as claimed in Claim 6, wherein each of the R_2 and R_4 is $\text{C}_6\text{H}_4(\text{CH}_3)$, and the R_3 is $-\text{C}_6\text{H}_4\text{CH}_2\text{C}_6\text{H}_4-$.

8. A grease composition as claimed in Claim 1, wherein the M_1 and M_2 are each lithium, sodium, or potassium.

9. A grease composition as claimed in Claim 1, wherein the metal salt of the dibasic acid is one of a metal salt of azelaic acid, sebacic acid and adipic acid.

10. A grease composition as claimed in Claim 9, wherein the metal salt of the dibasic acid is sodium sebacate.

11. A grease composition as claimed in Claim 1, wherein the additive comprises 0.05 to 5 parts by weight of an antioxidant in addition to the metal salt of the dibasic acid based on 100 parts by weight of the base oil and the thickener.

12. A grease composition as claimed in Claim 11, wherein the antioxidant is selected from the group consisting of a sulfur-containing antioxidant, a phenol-based antioxidant and an amine-based antioxidant.

13. A grease composition sealed bearing, in which a sliding part of the bearing is sealed with the grease as claimed in Claim 1.